

FORM PTO-1390 (REV 12-2001)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 58504.00037
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		DATE: March 1, 2005
		U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.5) 10/525987
INTERNATIONAL APPLICATION NO. PCT/GB2003/ 03514 <i>[initials]</i>	INTERNATIONAL FILING DATE 12 August 2003	PRIORITY DATE CLAIMED 3 September 2002
TITLE OF INVENTION: FORMATION OF LATTICE-TUNING SEMICONDUCTOR SUBSTRATES		
APPLICANT(S) FOR DO/EO/US: Adam Daniel CAPEWELL; Timothy John GRASBY; Evan Hubert Cresswell PARKER; Terence WHALL Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. (THE BASIC FILING FEE IS ATTACHED) 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures [35 U.S.C. 371(f)] at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)] <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]. <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)] <ul style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)]. 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)]. 10. <input checked="" type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]. 		
Items 11 - 19 below concern other document(s) or information included:		
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98, along with form PTO-1449 and 11 References. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> A substitute specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 17. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 18. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 19. <input checked="" type="checkbox"/> Other items or information: CHECK NO. <u>12620</u>; Formal Drawings (Figs. 1-2e; 2 sheets); UK Search Report; PCT/ISA/210; PCT/IPEA/416; PCT/IPEA/409; PCT/IB/306 		

PLN. NO. (IF KNOWN,

7 C.F.R. 1.50) **111525987**

INTERNATIONAL APPLICATION

NO. PCT/GB2003/ 03514 *ff*

ATTORNEY DOCKET NO. 58504.00037

DATE: March 1, 2005

 The following fees are submitted:

Basic National Stage Fee \$300.00

National Stage Search Fee..... \$500.00

National Stage Examination Fee..... \$200.00

CALCULATIONS

PTO USE ONLY

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$ 1,000.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)].

Claims Number Filed Number Extra Rate

Total Claims 21 - 20 = 1 X \$ 50.00 \$ 50.00

Independent Claims 1 - 3 = 0 X \$ 200.00

Multiple dependent claim(s) (if applicable) + \$360.00

 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
- 100 =	/50 =		X \$250.00

FEES VALUE	ACCOUNTABILITY
DEPARTMENT ACCOUNT NO.	
50 2222	
1620 (500)	
642 400	

TOTAL OF ABOVE CALCULATIONS =

\$ 1,050.00

Reduction by one-half for filing by small entity, if applicable.

Applicant claims small entity status. See 37 CFR 1.27.

SUBTOTAL =

\$ 1,050.00

Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)]. +

\$ 1,050.00

TOTAL NATIONAL FEE =

Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +

\$ 40.00

TOTAL FEES ENCLOSED =

\$ 1,090.00

Amount to be refunded

\$

Charged

\$

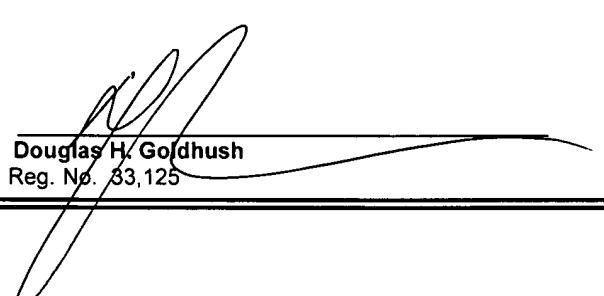
U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.50) 1111525987	INTERNATIONAL APPLICATION NO. PCT/GB2003/003514	ATTORNEY DOCKET NO. 58504.00037
DATE: March 1, 2005		

- a. A check in the amount of \$1,090.00 to cover the above fees is enclosed.
- b. Please charge Counsel's Deposit Account No. 50-2222 in the amount of \$____ to cover the above fee.
A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Counsel's Deposit Account No. 50-2222.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive [37 C.F.R. 1.137(a) or (b)] must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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